Reliant Series FilterTank

Description

The Simplex Reliant Series FilterTank Systems Fuel Tank is a special variant of the Simplex Reliant Series product. The FilterTank variant incorporates an on-board filter-separator into the Reliant Series System. An on-board pump is required and can be either an included fill pump or return pump equipped with flow-control solenoid valves or a dedicated 2 GPM filter circulation pump.

Overview

- Variant of Simplex Reliant Series, with inclusion of integral tank filtration system.
- UL142 double-wall tank construction
- · Addition of fuel filter-separator
- Re-circulates fuel in day tank to remove harmful particles and water
- · Requires on-board pump
- 10-400 gallons
- For use as day tanks, return tanks, source tanks
- · For use with fuel oil
- · UL508 digital and analog controllers
- · Specify Simplex Reliant FilterTank





Reliant Series FilterTank Page 2







UL 142, Double-Wall UL508 Controllers



Filter-Separator Specification

- Epoxy coated steel filtration vessel with removable top closure, water sump and drain
- Replacable cartridge media combining particulate filtration, water coalescing and water separation
- Nominal 2-10 GPM flow rate, depending on pump selection
- · 2-micron particulate filtration
- · Nominal 5PPM water separation
- · Differential pressure gauge and alarm
- · Water detection sensor and alarm
- Automatic operation. HOA switch. Programmable for day of week, time of day and cycle time operation
- System stops and an alarm activates upon detection of a saturated filter or full water sump
- When used with Tank System included fill or return pump, a solenoid valve arrangement will be added to provide for continuous recirculation within the tank during a filtration cycle. The filtration cycle will be interupted if the included pump is called upon to refill or drain the tank.
- When used with a dedicated circulation pump, a 2GPM, 0.33HP, 115v pump will be added and plumbed for simple re-circulation via supply and return drop tubes. A oneway check valve and isolation hand valves are also included.